

5'	GCC	GCC	GAA	CCC	CGC	GCG	CCA	CTC	GCT	CGC	TCA	GAG	GGA	GAA	AGT	GGC	GAG	54
																		9
																		18
																		27
																		36
																		45
																		99
																		108
																		M
																		A
																		A
																		117
																		126
																		135
																		144
																		153
E	D	V	V	A	T	G	A	D	P	S	D	L	E	S	G	G	L	162
																		TG
																		CAT
																		171
																		180
																		189
																		198
																		207
L	H	E	I	F	T	S	P	L	N	L	L	L	G	L	C	I		
																		216
																		TG
																		CAT
																		225
																		234
																		243
																		252
F	L	L	Y	K	I	V	R	G	D	Q	P	A	A	S	G	D	R	261
																		270
																		TG
																		CAT
																		279
																		288
																		297
																		306
																		315
																		324
																		TG
																		CAT
																		333
																		342
																		351
																		360
A	E	L	R	R	F	D	G	V	Q	D	P	R	I	L	M	A	I	369
																		378
																		TG
																		CAT

FIG. 1A

N	AAC	GGC	AAG	GTC	TTC	GAT	GTG	ACC	AAA	GGC	CGC	AAA	TTC	TAC	GGG	CCC	GAG	GGG	432
N	G	K	V	F	D	V	T	K	G	R	K	F	Y	G	P	E	G		
441	CCG	TAT	GGG	GTC	TTC	GCT	GGN	AGA	GAT	GCA	TCC	AGG	GGC	CCT	GCC	ACA	TTC	TGC	486
P	Y	G	V	F	A	G	R	D	A	S	R	G	L	A	T	F	C		
495	C'IG	GAT	AAG	GAA	GCA	CTG	AAG	GAT	GAG	TAC	GAT	GAC	CTT	TCT	GAC	CTC	ACT	GCT	540
L	D	K	E	A	L	K	D	E	Y	D	D	D	L	S	D	L	T	A	
549	GCC	CAG	CAG	GAG	ACT	CTG	AGT	GAC	TGG	GAG	TCT	CAG	TTC	ACT	TTC	AAG	TAT	CAT	594
N	Q	E	T	L	S	D	W	E	S	Q	F	T	F	K	Y	H			
603	CAC	GTG	GGC	AAA	C'TG	C'TG	AAG	GAG	GGG	GAG	GGG	GAG	CCC	ACT	G'TG	TAC	TCA	GAT	648
H	V	G	K	L	K	E	G	E	E	E	P	F	T	V	Y	S	D	E	
657	GAA	GAA	CCA	AAA	GAT	GAG	AGT	TCC	CGG	AAA	AAT	GTT	AAA	GCA	TTC	AGT	GGA	AGT	702
F	E	P	K	D	E	S	S	R	K	N	V	K	A	F	S	C	S		
711	ATA	TCT	ATN	N'TG	TAT	TTT	GCA	AAA	TCA	TTT	GTA	ACA	GTC	CAC	TNT	GTC	T'TT	AAA	756
I	S	X	X	X	F	A	K	S	F	V	T	V	H	X	V	F	K		

FIG. 1B

765 774 783
ACA TAG TGT TAC AAT ATT TAG AAA GTT TGA GC 3'
T

FIG. 1C

1	MAA E D V V A T G A D P S <u>D</u> L E <u>S</u> G G	2504333
1	MAA E D V V A T G A D P S E L E G G G	GI 1518818
1	MAA E D V A A T G A D P S E L E G G G	GI 1657409
21	L L H E I F T S P L N L L L L G L C I F	2504333
21	L L Q E I F T S P L N L L L L G L C I F	GI 1518818
21	L L H E I F T S P L N L L L L G L C I F	GI 1657409
41	L L Y K I V R G D Q P A A S G D R T T T	2504333
41	L L Y K I V R G D Q P G A S G D N D D D	GI 1518818
41	L L Y K I V R G D O P A A S - D S D D D	GI 1657409
61	X P P P L P R L K R R D F T P A E L R R	2504333
61	E P P P L P R L K P R D F T P A E L R R	GI 1518818
60	E P P P L P R L K R R D F T P A E L R R	GI 1657409
81	F D G V Q D P R I L M A I N G K V F D V	2504333
81	Y D G V Q D P R I L M A I N G K V F D V	GI 1518818
80	F D G V Q D P R I L M A I N G K V F D V	GI 1657409
101	T K G R K F Y G P E G P Y G V F A G R D	2504333
101	T K G R K F Y G P E G P Y G V F A G R D	GI 1518818
100	T K G R K F Y G P E G P Y G V F A G R D	GI 1657409
121	A S R G L A T F C L D K E A L K D E Y D	2504333
121	A S R G L A T F C L D K E A L K D E Y D	GI 1518818
120	A S R G L A T F C L D K E A L K D E Y D	GI 1657409
141	D L S D L T A A Q Q E T L S D W E S Q F	2504333
141	D L S D L T P A Q Q E T L N D W D I S Q F	GI 1518818
140	D L S D L T P A Q Q E T L N D W D S Q F	GI 1657409
161	T F K Y H H V - - G K L L K E G E E P T	2504333
161	S S P S S T I T W G K L L E G A E E P I	GI 1518818
160	T F K Y H H V - - G K L L K E G E E P T	GI 1657409

FIG. 2A

179	V Y S D E E E P K D E S S R K N V K A F	2504333
181	V Y S D [D] E E Q K M R L L G R V T E A V	GI 1518818
178	V Y S D E E E P K D E S A R - - - - -	GI 1657409
199	S G S I S X X Y F A K S F V T V H X V F	2504333
201	S G A Y L F L Y F A K S F V T F Q S V F	GI 1518818
192	- - - - K N - - - - - - - - - D	GI 1657409
219	[K T]	2504333
221	T [T] W	GI 1518818
194		GI 1657409

FIG. 2B

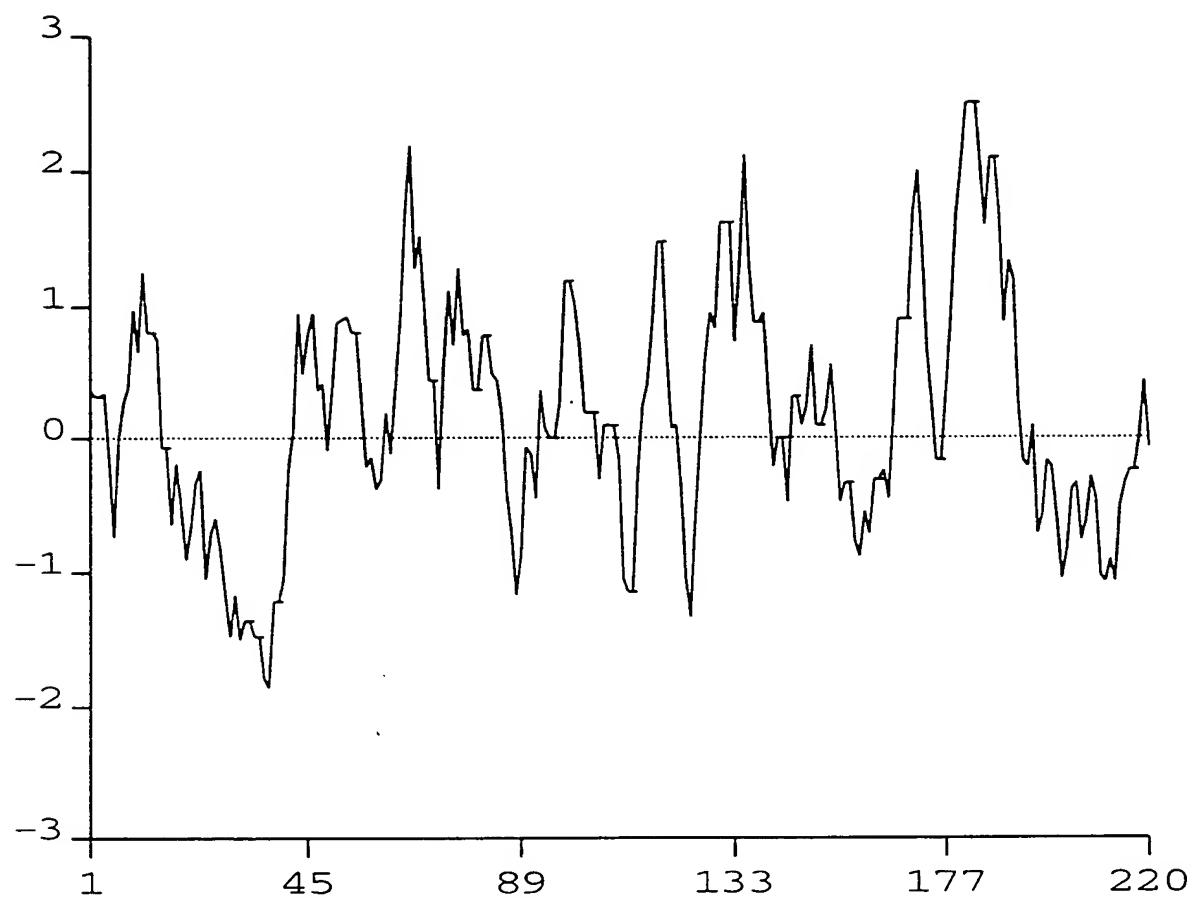


FIG. 3A

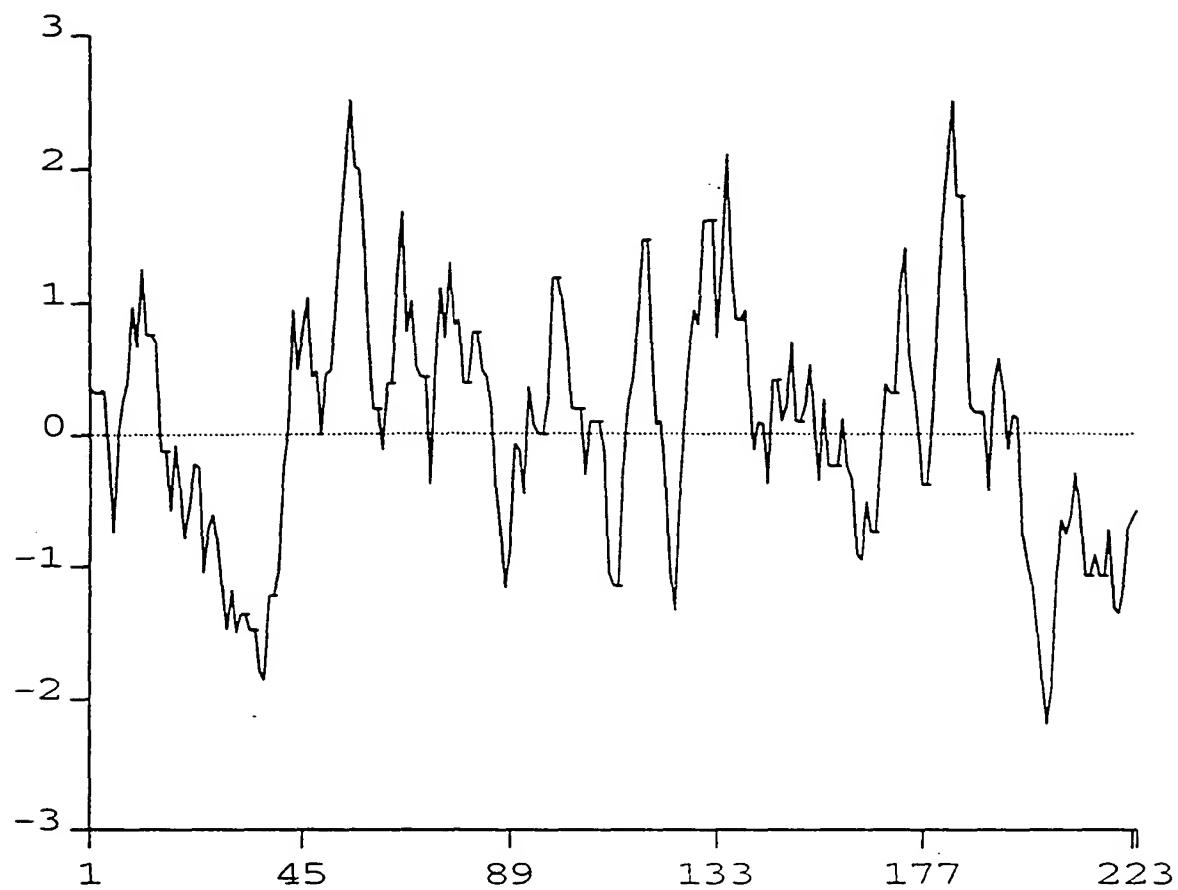


FIG. 3B